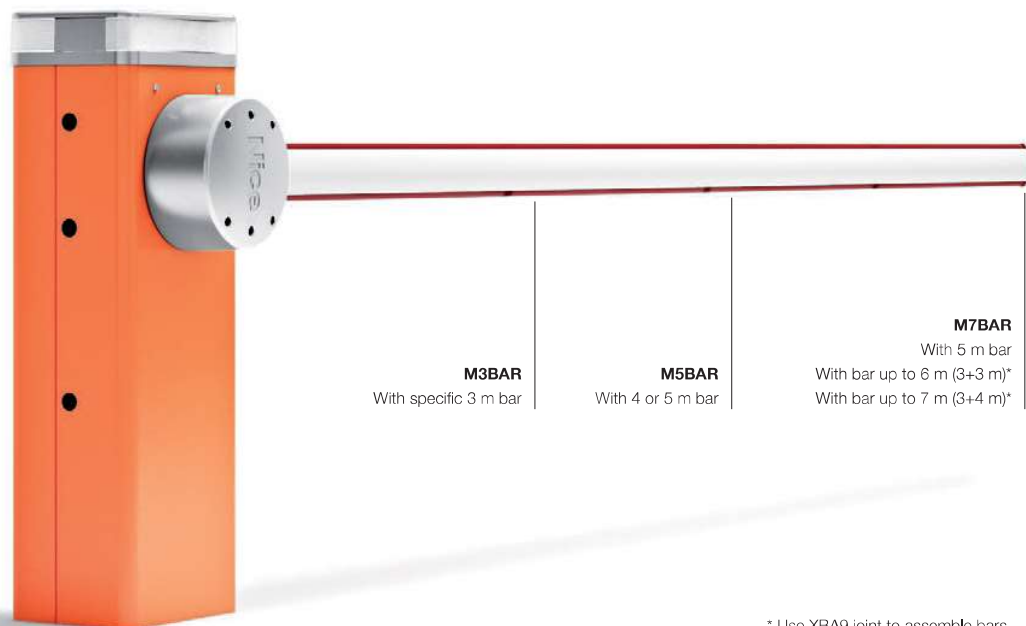


# M-Bar

## Electromechanical road barrier system for control of road access



**M3BAR**  
With specific 3 m bar

**M5BAR**  
With 4 or 5 m bar

**M7BAR**  
With 5 m bar  
With bar up to 6 m (3+3 m)\*  
With bar up to 7 m (3+4 m)\*

\* Use XBA9 joint to assemble bars.

### For bars up from 3 to 7 m.

24 Vdc gear motor with built-in control unit.

**Simplified programming:** control unit with display and joystick to make setting operating parameters even faster.

The control unit has an output to power 24 Vdc devices and two inputs to control loop detectors with the LP21 and LP22 accessories.

**Modular:** bars are easily assembled using the aluminium expansion joint.

Possibility for intelligent control of two opposing automations thanks to “**master/slave**” function.

**Strength and reliability:** tough steel structure, new robust balancing springs guaranteed to 2,000,000 cycles and elliptical section shaft with high resistance to gusts of wind.

Optional flashing or traffic light can be integrated in cover.

Encoder movement control and electromechanical limit switches.

**More comfort and safety in programming and maintenance phases:** the separate enclosures for electronics and mechanics protect internal parts from potential risks.

Rapid and easy access to the control unit located in the upper section of the barrier body.

Simple fixture of the completely concealed photocells onto the specially designed seats on the barrier body.

**More safety and reliability:** obstacle detection and monitoring of motor absorption during automation movement.

Automatic fault diagnostics during operation with consequent signalling of fault type through specific flash sequences.

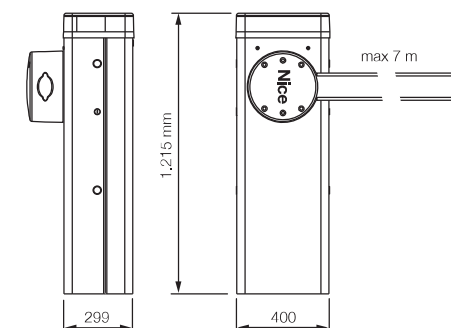
Provision for connection of latest generation optical and resistive sensitive edges (with 8.2 KOhm resistance).

**Energy saving:** the system sets to standby when not in use to save consumption.

**No black out:** with the optional batteries (PS224) housed inside the gear motor.

**Release from side with metal key:** can be installed on either side.

### DIMENSIONS



# Accessories M-Bar

## COMMON ACCESSORIES

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**XBA13**  
Rubber impact protection strip. Length 1 m.  
Pc./Pack 9



**WA10**  
Red adhesive reflector strips.  
Pc./Pack 24



**XBA8**  
Integrable traffic light.  
Pc./Pack 1



**XBA7**  
Integrable flashing light.  
Pc./Pack 1



**XBA16**  
nchorage base with clamps.  
Pc./Pack 1



**WA11**  
Adjustable stand for bars.  
Pc./Pack 1

## BARS FOR M3BAR

## ACCESSORIES FOR M3BAR

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**XBA15**  
White paint-finished aluminium bar 69x92x3150 mm.  
Pc./Pack 1



**XBA4**  
Indicator lights for click fixture on upper or lower side of bar. Length 4 m.  
Pc./Pack 1



**XBA10**  
Pivot joint for bars up to 4 m.  
Pc./Pack 1



**XBA11**  
Joint for bars (from 1950 mm to 2400 mm).  
Pc./Pack 1

## COMMON ACCESSORIES



**IBT4N**  
Interface for connecting the O-View programming unit.

Pc./Pack 1



**IT4WIFI**  
Smart Wi-fi interface to manage gates and garage doors by smart-phone (\*).

Pc./Pack 1



**BCU1**  
Spare control unit.

Pc./Pack 1



**PS224**  
24 Vdc buffer batter.

Pc./Pack 1



**LP21**  
Magnetic loop detector 1 channel.

Pc./Pack 1



**LP22**  
Magnetic loop detector 2 channels.

Pc./Pack 1

\* Not compatible with the Solemyo kit and PS224



**SOLEMYO KIT**  
The solar power to automate gates, garage doors or barrier gates.

See page 213.

## IN ORDER TO HAVE A FULLY FUNCTIONAL BARRIER GATE OPERATOR SYSTEM:

1. CHOOSE THE GEAR MOTOR

2. SELECT THE BAR

3. COMPLETE THE SYSTEM WITH THE OPTIONAL ACCESSORIES

## TECHNICAL SPECIFICATIONS

### With bar up to 3 m, irreversible 230 Vac, 24 Vdc motor, with foundation plate:

Code	Description
<b>M3BAR</b>	With steel case with protective cataphoresis treatment and paint finish. For intensive use
<b>M3BARI</b>	With stainless steel case

### With bar up to 4 or 5 m, irreversible 230 Vac, 24 Vdc motor, with foundation plate:

Code	Description
<b>M5BAR</b>	With steel case with protective cataphoresis treatment and paint finish. For intensive use
<b>M5BARI</b>	With stainless steel case

### With bar up to 5, 6 or 7 m, irreversible 230 Vac, 24 Vdc motor, with foundation plate:

Code	Description
<b>M7BAR</b>	With steel case with protective cataphoresis treatment and paint finish
<b>M7BARI</b>	With stainless steel case

Code	M3BAR	M3BARI	M5BAR	M5BARI	M7BAR	M7BARI
<b>ELECTRICAL DATA</b>						
Power supply (Vac 50/60 Hz)				230		
Power supply (Vdc)				24		
Absorption (A)	1,3		1,1		1,1	
Power (W)	150		110		110	
<b>PERFORMANCE DATA</b>						
Speed min.-max. (s)	1,5 ÷ 4		3 ÷ 6		6 ÷ 10	
Torque (Nm)	100		200		300	
Work cycle (cycles/hour)	600		450		200	
<b>DIMENSIONAL AND GENERAL DATA</b>						
Protection level (IP)				54		
Working temp. (°C Min/Max)				-20 ÷ +55		
Dimensions (mm)				400x299x1215 h		
Weight (kg)				80		85

## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	receiver						transmitter								photocells								flashing light		
	Built-in*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSE	EPMB	EPLB	EPMOV	EPMOR	F210	F210	F210B	F210B	ELAC	ELDC	WLT				
<b>M3BAR / M3BARI</b>		•	•	•	•	•					•	•	•	•					•	•	•				
<b>M5BAR / M5BARI</b>		•	•	•	•	•				•	•	•	•	•					•	•	•				
<b>M7BAR / M7BARI</b>		•	•	•	•	•				•	•	•	•	•					•	•	•				

\* Radio receiver incompatible with Opera system

For swing gates

For sliding gates

Barrier gates operator systems

For garage and industrial doors

Control systems and accessories

Compatibility table and alphabetical index